

## Quick Start Guide

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X300A Digital Hi-fi Speaker System

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# English

## X300A Digital Hi-Fi Speaker System

### Quick Start Guide

## Introduction

Thank you for choosing KEF digital hi-fi speaker system - X300A.

Innovation is what sets KEF apart from its competitors. For over 50 years KEF has been at the forefront of loudspeaker research and development, designing class-leading speakers that have dealt with the challenges of reproducing the latest musical formats, and reproducing them to the highest possible quality. This legacy continues today with the X300A, our first active hi-fi speaker system for the digital music era.

Now let's hi-fi your computer.

Please read and follow this manual carefully before using this system.

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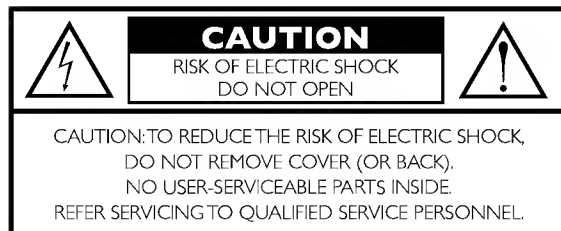
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# Safety Instructions

- Follow this manual carefully for best results from your speakers
- Read and return warranty card
- Clean with a dry lint free cloth
- Do not use spirit based cleaners
- Avoid damp
- Avoid temperature extremes
- Avoid direct sunlight
- SAFETY NOTICE! trailing cables are dangerous, secure all cables

## WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE



- A combined mains power input lead and country-specific mains plug is provided.
- Check before connecting to your local mains supply that the local supply voltage is the same as that marked on the rear panel. If it is not, check with your supplier before proceeding.

## Explanation of Graphical Symbols



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of a sufficient magnitude to constitute a risk of electrical shock to persons.



The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## WARNING:

Due to the mains switch being located on the rear panel, the appliance must be located in an open area without anything obstructing access to the mains switch.

The apparatus should be connected to a mains socket with a protective earthing connection.



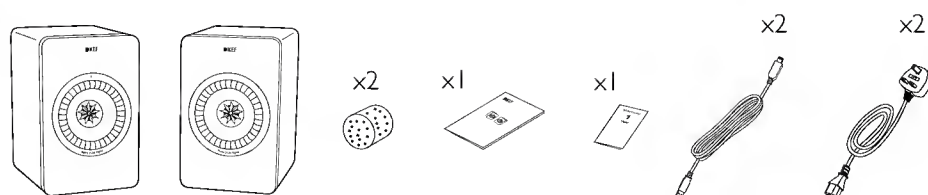
Correct Disposal of This Product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

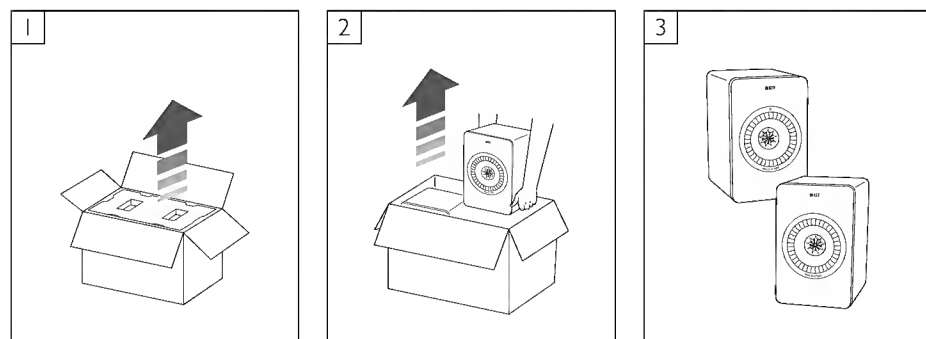
Please take heed of the following before using the KEF Model X300A. Note also that the word "appliance" shall refer to the KEF X300A, or any part of it.

1. **Read Instructions** – All the Safety and Operating Instructions should be read before operating the appliance.
2. **Retain Instructions** – The Safety and Operating Instructions should be retained for future reference.
3. **Heed Warnings** – All warnings on the appliance and in the Operating Instructions should be adhered to.
4. **Follow Instructions** – All Operating and Use Instructions should be followed. Only use attachments/accessories specified by the manufacturer.
5. **Important** – Do not defeat the safety purpose of the polarized or grounding type plug. The third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. Refer all servicing to a qualified service personnel. Servicing is required for any damaged parts such as power supply cord or plug.
6. **Water and Moisture** – The appliance should not be used in or near water; for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, near a swimming pool, and the like. The appliance shall not be exposed to dripping or splashing. Care should be taken so that objects containing liquids are not placed upon or spilled into the enclosure through openings and that no objects filled with liquids, such as a vase, shall be placed on the appliance.
7. **Ventilation** – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, or similar surface that may block any ventilation openings.
8. **Heat** – The appliance should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
9. **Power Sources** – The appliance should be connected to a power supply only of the type described in the Operating Instructions or as marked on the appliance and it shall remain readily operable. The mains plug is used as the disconnect device. To be completely disconnected from the power input, the mains plug of the appliance must be disconnected from the mains completely.
10. **Power Cord Protection** – Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles and the point where they exit from the appliance. The mains plug should not be obstructed or should be easily accessed during intended use.
11. **Attachments and Accessories** – Use only attachments/accessories specified by the manufacturer.
12. **Handling** – The appliance should be transported with the cart, stand, tripod, bracket, or table specified by manufacturer, or sold with the apparatus. When a cart is used, pay caution when moving the cart/appliance combination to avoid injury from tip-over.
13. **Non-use Periods** – Unplug the appliance during lightning storms or when unused for long periods of time.
14. **Damage Requiring Service** – The appliance should be serviced by qualified service personnel when:
  - a) The power supply cord or the plug has been damaged; or
  - b) Objects have fallen or liquid has been spilled into the appliance; or
  - c) The appliance has been exposed to rain; or
  - d) The appliance does not appear to operate normally or exhibits a marked change in performance; or
  - e) The appliance has been dropped or the enclosure is damaged.
15. **Servicing** – The user shall not attempt to service the appliance beyond that described in the Operating Instructions. All other servicing should be referred to qualified service personnel.

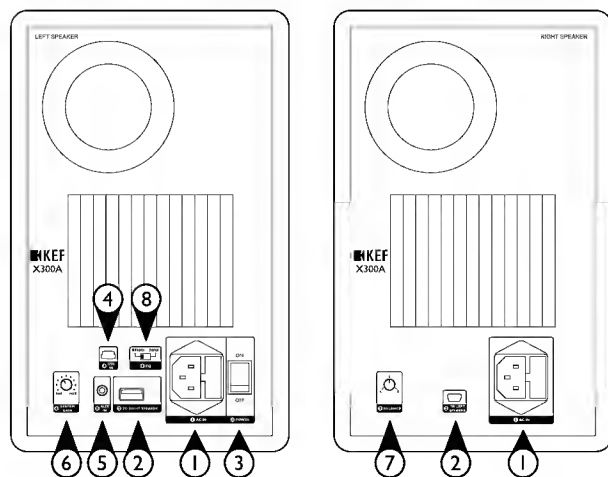
## Inside the Box



## Unpacking



## Controls and Connectors



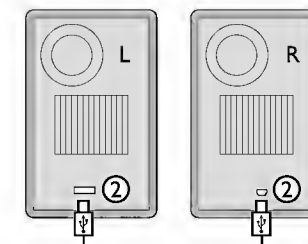
1. AC power
2. USB between Left and Right speakers
3. Power switch
4. USB IN
5. AUX IN
6. SYSTEM GAIN control
7. BALANCE control
8. EQ switch

## Basic Set-up

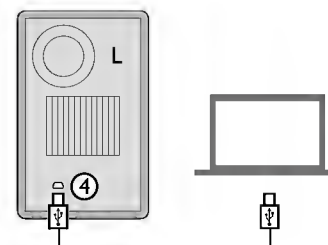
### Connect

1. Connect the USB cable between the Left and Right speakers ②.

Note: The 1M and 2M USB cables can be used interchangeably between inter-speaker connection and speaker-to-computer connection.

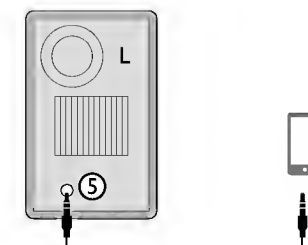


### • USB IN



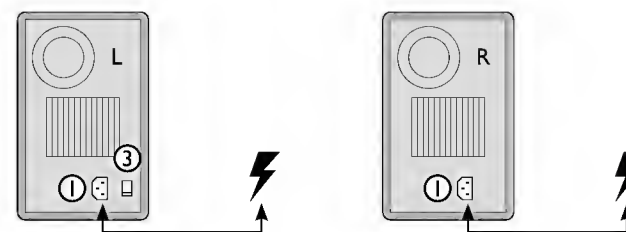
- 2a. Connect the USB cable between the Left speaker ④ and your computer.

### • AUX IN



- 2b. Connect a 3.5mm stereo cable (not included) between the Left speaker ⑤ and your music player; smartphone or other analogue device.

### Power



3. Power up each speaker ① and turn on the system ③.

## Play



### 4a. For Windows

- I. Play and enjoy your music.

### 4b. For Mac OS

- I. Choose "System Preferences" from the Apple menu.
- II. Click "Sound".
- III. Click the "Output" tab.
- IV. Select "KEF X300A Speaker" from the device list.
- V. Play and enjoy your music.

\* It is recommended that the X300A be used with Windows 7 and Mac OS 10.6 & above operating systems.

### Recommendation

For optimal sound output, it is recommended that you set the X300A system gain level to its minimum (See P7 – System gain control), and the master volume of your computer to its maximum. Increase the system gain slowly to a level comfortable for your listening.

Options for volume control during playback:

- I. Use the system gain as the main volume control
  - I. Use this option for playback without losing bit-depth.
  - II. Set the volume on media player to its maximum when using this option.
2. Use the volume control on media player
  - I. Use this option for convenience in volume adjustment via your computer's interface.

For better music enjoyment while multi-tasking on your computer, it is recommended that the system sound be disabled to prevent any interruption to music listening.

### For Windows:

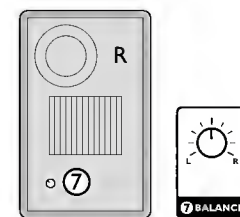
1. Choose "Control Panel" from the Start menu
2. Click "Sound"
3. Click the "Sounds" tab
4. Select "No Sounds" under "Sound Scheme" and click "OK"

### For Mac OS:

1. Choose "System Preferences" from the Apple menu
2. Click "Sound"
3. Click the "Sound Effects" tab
4. Uncheck "Play user interface sound effects"

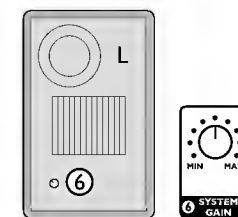
## Controls and Settings

### Balance control



Adjust the "BALANCE" knob (7) until you hear the most balanced sound from Left and Right speakers. The default setting is at the 12 o'clock position for equal balance between the speakers.

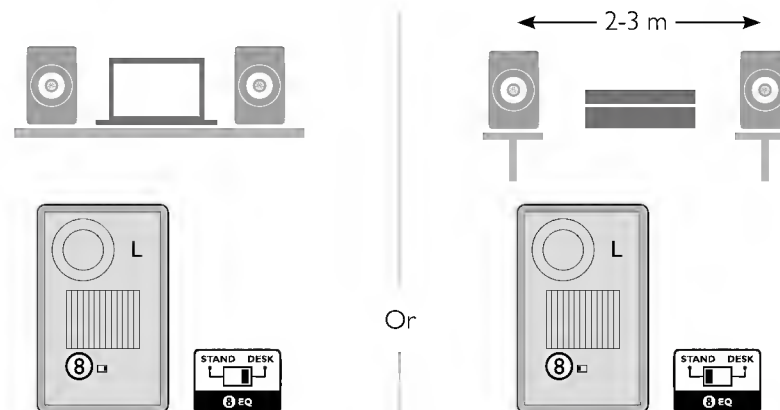
### System gain control



Adjust the "SYSTEM GAIN" knob (6) to control music volume. The default setting is at the 12 o'clock position.

Caution! Continuous listening to music at high volume may cause hearing damage.

## Sound Optimisation - EQ setting



### Desktop

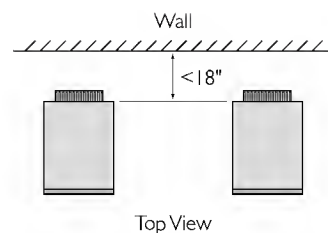
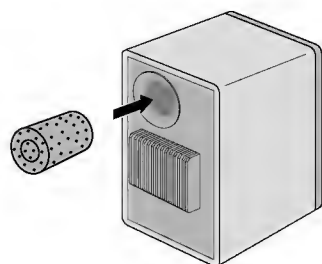
Switch to "DESK" (8) for desktop / near field listening.

Or

### Stand

Switch to "STAND" (8) for open space listening. For optimal performance, the use of good quality speaker stands with the X300A is recommended. A 5M- USB cable is also recommended for open space configuration so that the speakers could be placed between 2M to 3M apart for optimum stereo effect.

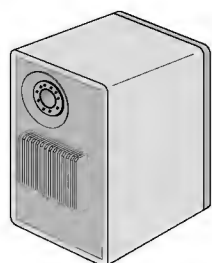
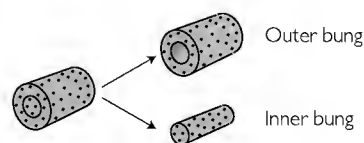
## Sound Optimisation - Use of bungs



A pair of bungs is supplied with the X300A system for you to fine-tune the bass output. When the speakers are positioned close to the wall, it is recommended that the bungs be placed into the rear port if you find the bass output to be overwhelming or boomy.

### 1. Outer bung only

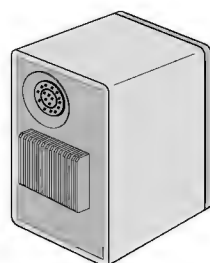
The bung can be separated into outer and inner bungs. The use of the outer bung only will give less bass reduction.



### 2. Full bung

For more bass reduction, you may put the full bung into port.

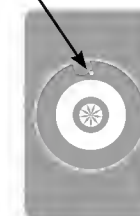
It is recommended that you try the different bung configuration to achieve the most optimal sound output for your environment.



## Status Indicator

LED Indicator	System Status
Green, solid	Normal operation
Green, blinking	Connection problem between the Left and Right speakers
Red, solid	Standby
Red, blinking	System fault

LED Indicator



## Troubleshooting

### Power

Problem	Action
X300A does not turn on	Connect power cords between speakers and the mains socket respectively.
	Make sure that your main power supply has been turned on.
	Make sure the X300A has been powered on.

### Sound

Problem	Action
No Sound	Check if the USB/ 3.5mm stereo cable is properly connected.
	If you are Mac OS user; manually select X300A as your sound device (see P6 "Play").
	Try volume up on system gain control and computer; make sure the volume is audible.
	Make sure that the USB cable to computer has been disconnected when you are playing the AUX IN source.
	Make sure that the Left and Right speakers are properly connected.
	Make sure that the speakers are powered up.
Sound fades out	Power off the speakers and power on again.
	Power off the speaker and power on again after 15 minutes.

### Status Indicator

Problem	Action
Red light blinking	Power off the X300A and power on again after 15 minutes.
Green light blinking	Make sure that the Left and Right speakers are properly connected through the USB cable.

For further information and troubleshooting, please visit KEF website: [www.kef.com](http://www.kef.com)

